

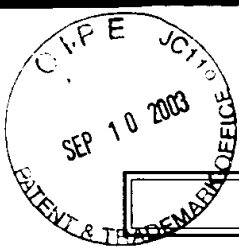


Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

RECEIVED  
SEP 17 2003  
TC 1700

EFS ID: 47517  
Application ID: 09841296  
Title of Invention: Title IN SITU THERMAL  
PROCESSING OF A  
HYDROCARBON CONTAINING  
FORMATION TO PRODUCE A  
MIXTURE CONTAINING OLEFINS,  
OXYGENATED HYDROCARBONS,  
AND/OR AROMATIC  
HYDROCARBONS  
First Named Inventor: Scott Wellington  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2001-04-24  
Effective Receipt Date: 2003-09-10  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 3881  
Attorney Docket Number: 5659-03600  
Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 501505  
Deposit Account Name: Eric B. Meyertons  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2003-09-10  
RAM Sequence Number: 4


Digital Certificate Holder: cn=Eric B. Meyertons,ou=Registered Attorneys,ou=Patent and Trademark  
Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 34c26c8b1b3e4840ddc510c03f371887a841eab7



## TRANSMITTAL

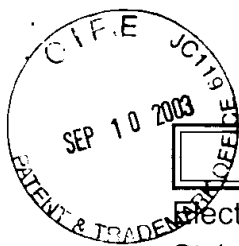
Electronic Version v1.1  
Stylesheet Version v1.1.0

RECEIVED  
SEP 17 2003  
TC 1700

Title of Invention	Title IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE CONTAINING OLEFINS, OXYGENATED HYDROCARBONS, AND/OR AROMATIC HYDROCARBONS													
Application Number: 09/841296 														
Date: 2001-04-24														
First Named Applicant: Scott Wellington														
Confirmation Number: 3881														
Attorney Docket Number: 5659-03600														
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>														
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Eric B. Meyertons Registered Number: 34,786</td><td>Eric B. Meyertons</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Eric B. Meyertons Registered Number: 34,786	Eric B. Meyertons	Attorney						
Submitted by:	Elec. Sign.	Sign. Capacity												
Eric B. Meyertons Registered Number: 34,786	Eric B. Meyertons	Attorney												
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>S1-U2-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xml</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>S1-U2-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr></table>			Documents being submitted	Files	us-fee-sheet	S1-U2-usfees.xml		us-fee-sheet.xml		us-fee-sheet.dtd	us-ids	S1-U2-usidst.xml		us-ids.dtd
Documents being submitted	Files													
us-fee-sheet	S1-U2-usfees.xml													
	us-fee-sheet.xml													
	us-fee-sheet.dtd													
us-ids	S1-U2-usidst.xml													
	us-ids.dtd													

us-ids.xsl

Comments



Electronic Version v08  
Stylesheet Version v08.0

## FEE TRANSMITTAL

RECEIVED  
SEP 17 2003  
TC 1700

### Title of Invention

Title IN SITU THERMAL PROCESSING OF A HYDROCARBON  
CONTAINING FORMATION TO PRODUCE A MIXTURE  
CONTAINING OLEFINS, OXYGENATED HYDROCARBONS,  
AND/OR AROMATIC HYDROCARBONS

Application Number: 09/841296  
Date: 2001-04-24  
First Named Applicant: Scott Wellington  
Attorney Docket Number: 5659-03600  
Art Unit: 1764  
Examiner: W. D. Griffin



## TOTAL FEE AUTHORIZED \$180

Patent fees are subject to annual revisions on or about October 1st of each year.

### BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

### AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit  
any overpayments to:

Deposit account number: 501505

Access Code: \*\*\*\*

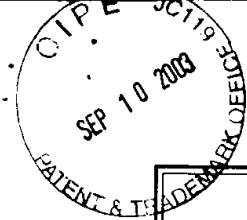
Deposit name: Meyertons, Hood, Kivlin, Kowert, Goetzel, P.C.

Deposit authorized name: Eric B. Meyertons

Signature: Eric B. Meyertons

Date (YYYYMMDD): 2003-09-10

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

RECEIVED  
SEP 17 2003  
TC 1700

Title of  
Invention

Title IN SITU THERMAL PROCESSING OF A  
HYDROCARBON CONTAINING FORMATION TO  
PRODUCE A MIXTURE CONTAINING OLEFINS,  
OXYGENATED HYDROCARBONS, AND/OR AROMATIC  
HYDROCARBONS

Application Number: 09/841296



Confirmation Number: 3881

First Named Applicant: Scott Wellington

Attorney Docket Number: 5659-03600

Art Unit: 1764

Examiner: W. D. Griffin

Search string: ( 3026940 or 3947683 or 2857002 or 3165154  
or 4458757 or 4931171 or 4737267 or 4384948  
or 3593790 or 3497000 or 3244231 or 3223166  
or 3947656 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3026940	1962-03-27	Spitz			
	2	3947683	1976-03-30	Schultz et al.			
	3	2857002	1958-10-21	Pevere et al.			
	4	3165154	1965-01-12	Santourian			
	5	4458757	1984-07-10	Bock et al.			
	6	4931171	1990-06-05	Piotter			
	7	4737267	1988-04-12	Pao et al.			
	8	4384948	1983-05-24	Barger			
	9	3593790	1971-07-20	Herce			
	10	3497000	1970-02-24	Hujsak et al.			
	11	3244231	1966-04-05	Grekel et al.			
	12	3223166	1965-12-14	Hunt et al			

	13	3947656	1976-03-30	Lodi
Signature				
Examiner Name			Date	